CVII. *An Account of the extraordinary Agitation of the Waters in ſeveral Ponds in* Hertfordſhire: *In a Letter from the Rev.* Thomas Rutherforth, *D. D. F. R. S. to the Rev.* Samuel Squire, *D. D. F. R. S.*

Dear Sir,

Read July 1, 1756. I Have lately had an opportunity of of making ſome enquiries about an unuſual motion of the water in a pond at Patmer-hall, which is a farm in the pariſh of Albury, and county of Hertford. Mr. Thomas Mott, who is the occupier of the farm, tells me, that there are two ponds in his yard, which are parted from one another only by a cauſey, which is juſt wide enough to allow of a convenient paſſage for a waggon and driver: the cauſey runs from north to ſouth; ſo that one of the ponds is to the weſt, and the other is to the eaſt of it. At the weſtern end of the former, which is the head of it, are two drains, one higher than the other, to carry off the waſte water; and on each ſide, at the other end, cloſe to the cauſeway, is a mouth, or opening, where his cattle go to drink. The pond itſelf is about eight roods over, and twelve roods long. The other pond is of the ſame ſize; except, that there is a dove-houſe in the middle of it, which ſtands upon a ſmall iſland. On the firſt day of November laſt, between ten and eleven o'clock in the forenoon, his ſervants, who were then cloſe to theſe ponds, heard a rumbling noiſe, like the wind;

wind; and took notice, that three ducks, which were then in the weſtern pond, immediately flew out of it into the other, as if they were affrighted. At the ſame inſtant the water in the weſtern pond aroſe at the head of it, ſo as to run out of the lower drain, which was ten or twelve inches above the level. He did not ſee this ſwell of the water himſelf; but his ſervants, who ſaw it, called him immediately; and he found, that the water was then in motion; and that it had run out of the drain. It continued to move backwards and forwards for ſome time; but he obſerved, that it did not ſwell any more at the head, but only aroſe and fell by turns at the two mouths; ſo that the motion was then from north to ſouth. When it aroſe at either of the mouths, it flowed about ſix feet beyond what was then the water-mark. The other pond, during the whole time, was as calm and ſtill, as he ever ſaw it; nor had his ſervants obſerved any motion in it, unleſs what was occaſioned by the alighting of the ducks.

Mr. Mott tells me farther, that Wickham-hall, which is another farm, about two miles and a half from him, in the pariſh of Biſhop-Stortford, in the ſame county, a pond was moved at the ſame time in the ſame manner; and that the firſt motion of it was from eaſt to weſt. This account he had from a perſon, who ſaw it. He adds, that a like motion was obſerved in a pond at Thaxted, in the county of Eſſex: but of this he knows no particulars.

At Royſton, in the county of Hertford, Mr. Newbell, an officer of the exciſe, obſerved an unuſual motion in the pond, at ten o'clock in the fore-

noon, November 1, laſt paſt. The pond is a large one, and almoſt round. The bank of it, towards the north, is faced with a brick-wall; and the bottom of it ariſes from thence, in a ſlope, towards the ſouth. The water aroſe from north to ſouth, ſo as to go five feet and a half beyond the water-mark. In his return it aroſe againſt the brick wall, the top of which was about one foot above the level of the water, ſo as to run over it. The water afterwards moved from north to ſouth, and back again, five times before it ſtopped. I am,

Barley, June 15, 1756.

Dear Sir,

Very faithfully yours,

T. Rutherforth.

CVIII. *Some Conſiderations on a draught of two large peices of Lead, with* Roman *Inſcriptions upon them, found ſeveral years ſince in* Yorkſhire. *By* John Ward, *LL.D. Rhet. Prof.* Greſh. *and V. P. R. S.*

Read July 1, 1756. SOME time ſince a draught of two large peices of lead, ſimilar to each other, was communicated to this Society by a worthy member, Henry Stuart Stevens, Eſquire (1). The account then given of them, which accom-

(1) January 31, 1754.

panied